

2020 Hemp Season Survey Results



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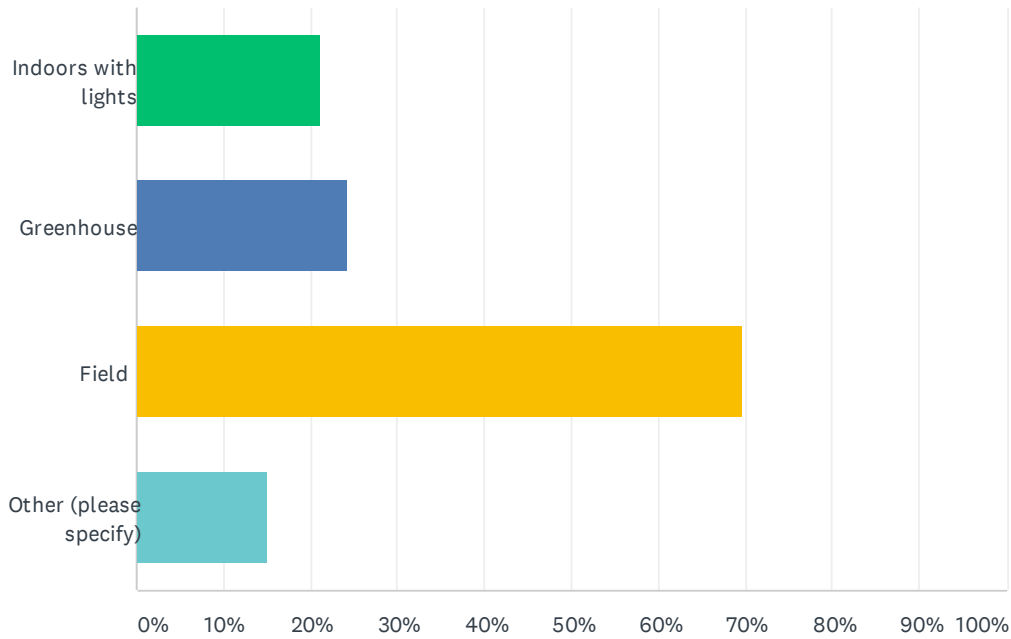
Q1 What state did you grow in 2020?

Answered: 32 Skipped: 1

| # | RESPONSES | DATE |
|----|---------------|---------------------|
| 1 | Wisconsin | 2/3/2021 7:27 AM |
| 2 | Louisiana | 1/31/2021 8:51 AM |
| 3 | MN | 1/31/2021 2:37 AM |
| 4 | Montana | 1/25/2021 9:50 PM |
| 5 | Tennessee | 1/25/2021 8:04 PM |
| 6 | Iowa | 1/25/2021 4:40 PM |
| 7 | CT | 1/25/2021 3:48 PM |
| 8 | West Virginia | 1/25/2021 2:06 PM |
| 9 | Illinois | 1/25/2021 2:06 PM |
| 10 | IOWA | 1/25/2021 1:32 PM |
| 11 | PA | 1/25/2021 1:30 PM |
| 12 | WV | 1/25/2021 1:22 PM |
| 13 | Tennessee | 1/25/2021 12:25 PM |
| 14 | Pennsylvania | 1/17/2021 6:49 AM |
| 15 | Minnesota | 1/15/2021 9:16 AM |
| 16 | pa | 1/12/2021 12:37 PM |
| 17 | Virginia | 1/11/2021 9:59 AM |
| 18 | Alabama | 1/9/2021 9:01 PM |
| 19 | Massachusetts | 1/9/2021 6:58 PM |
| 20 | Florida | 1/9/2021 5:48 AM |
| 21 | Colorado | 1/7/2021 5:13 PM |
| 22 | Minnesota | 1/6/2021 8:42 AM |
| 23 | TN | 1/6/2021 7:33 AM |
| 24 | Virginia | 1/6/2021 4:29 AM |
| 25 | Virginia | 1/5/2021 6:22 PM |
| 26 | Illinois | 1/5/2021 6:19 PM |
| 27 | Virginia | 1/5/2021 6:10 PM |
| 28 | NC | 1/5/2021 5:35 PM |
| 29 | Illinois | 1/5/2021 4:49 PM |
| 30 | none | 1/5/2021 2:05 PM |
| 31 | Washington | 1/5/2021 1:44 PM |
| 32 | CO | 12/30/2020 10:00 AM |

Q2 What was your growing environment? (check all that apply)

Answered: 33 Skipped: 0

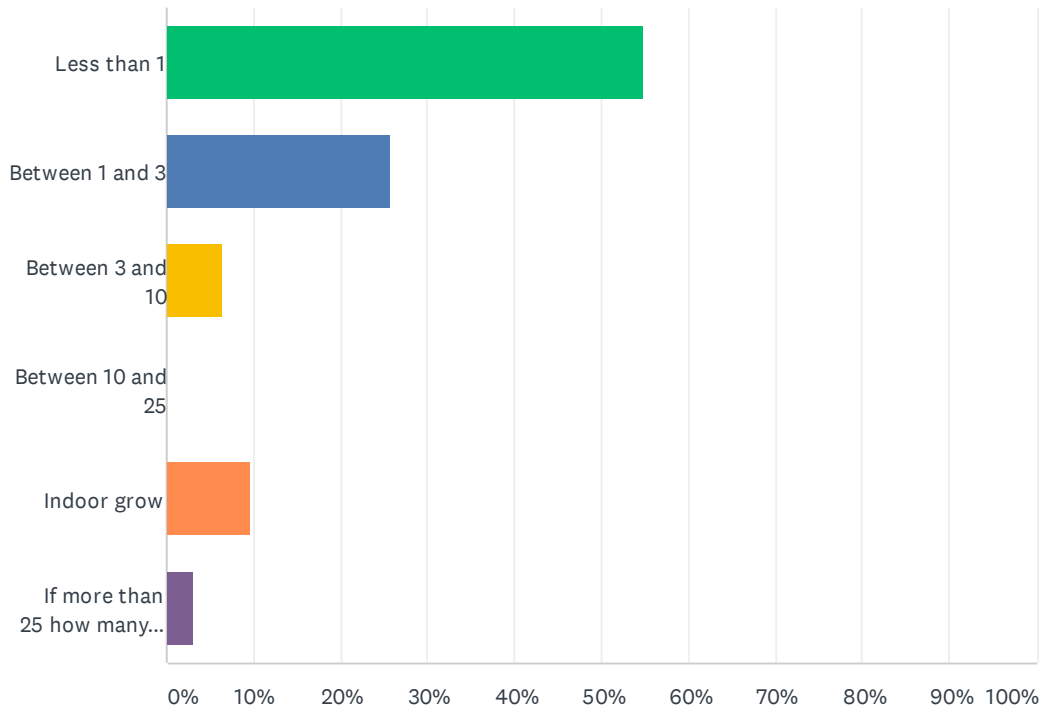


| ANSWER CHOICES | RESPONSES |
|------------------------|-----------|
| Indoors with lights | 21.21% 7 |
| Greenhouse | 24.24% 8 |
| Field | 69.70% 23 |
| Other (please specify) | 15.15% 5 |
| Total Respondents: 33 | |

| # | OTHER (PLEASE SPECIFY) | DATE |
|---|------------------------|-------------------|
| 1 | Hoophouse | 1/11/2021 9:59 AM |
| 2 | Pots / outdoor | 1/7/2021 5:13 PM |
| 3 | Backyard | 1/5/2021 6:22 PM |
| 4 | Raised bed | 1/5/2021 6:19 PM |
| 5 | none | 1/5/2021 2:05 PM |

Q3 If you grew outside, how many acres of hemp did you plant in 2020?

Answered: 31 Skipped: 2

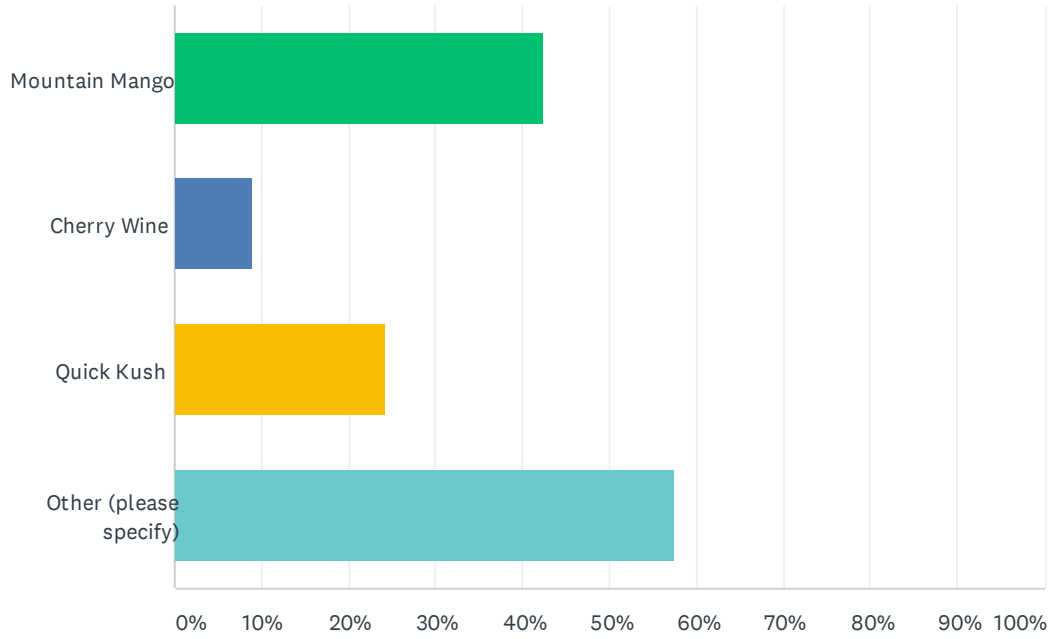


| ANSWER CHOICES | RESPONSES | |
|--------------------------------------|-----------|-----------|
| Less than 1 | 54.84% | 17 |
| Between 1 and 3 | 25.81% | 8 |
| Between 3 and 10 | 6.45% | 2 |
| Between 10 and 25 | 0.00% | 0 |
| Indoor grow | 9.68% | 3 |
| If more than 25 how many acres total | 3.23% | 1 |
| TOTAL | | 31 |

| # | IF MORE THAN 25 HOW MANY ACRES TOTAL | DATE |
|---|--------------------------------------|------------------|
| 1 | none | 1/5/2021 2:05 PM |

Q4 What hemp strains did you grow? (check all that apply)

Answered: 33 Skipped: 0

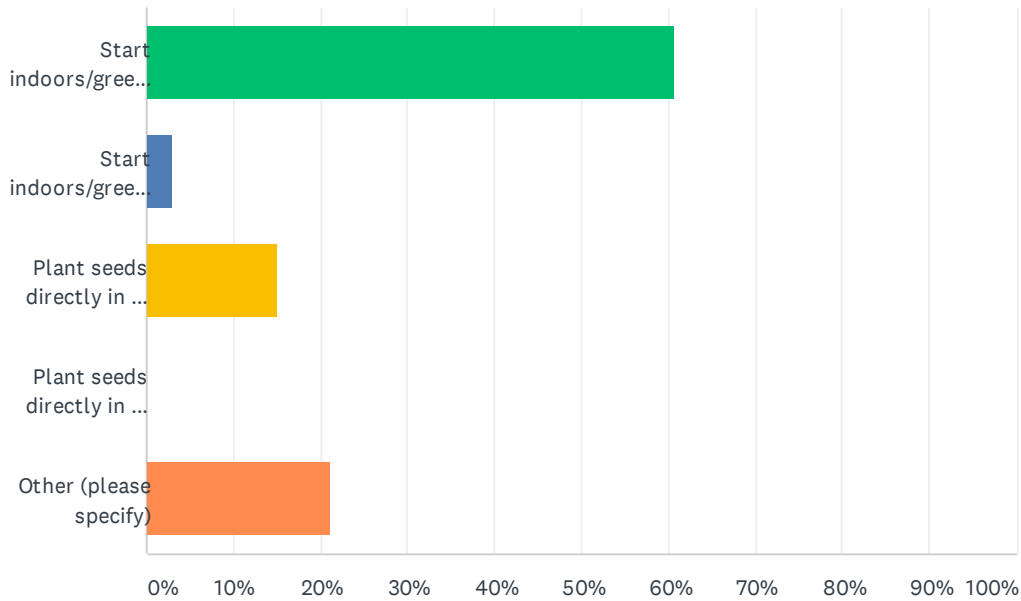


| ANSWER CHOICES | RESPONSES | |
|------------------------|-----------|----|
| Mountain Mango | 42.42% | 14 |
| Cherry Wine | 9.09% | 3 |
| Quick Kush | 24.24% | 8 |
| Other (please specify) | 57.58% | 19 |
| Total Respondents: 33 | | |

| # | OTHER (PLEASE SPECIFY) | DATE |
|----|---|--------------------|
| 1 | Southern Tiger | 1/31/2021 8:51 AM |
| 2 | Mountain Blizzard CBG | 1/25/2021 9:50 PM |
| 3 | White, T1, feral | 1/25/2021 4:40 PM |
| 4 | White CBG Suver Haze Elektra Lifter | 1/25/2021 2:06 PM |
| 5 | MK spectrum, Mk auto flower #1 | 1/25/2021 1:32 PM |
| 6 | Trilogene Purps & Big Red | 1/25/2021 1:30 PM |
| 7 | Jupiter and KLR | 1/25/2021 1:22 PM |
| 8 | Weedhams | 1/25/2021 12:25 PM |
| 9 | Og kush and banana | 1/17/2021 6:49 AM |
| 10 | Berry Blossom | 1/11/2021 9:59 AM |
| 11 | Bubba Kush, super woman, sangria | 1/9/2021 9:01 PM |
| 12 | Harlequin | 1/9/2021 6:58 PM |
| 13 | Cherry Trump, OG Kush, Purple Kush, Kush | 1/7/2021 5:13 PM |
| 14 | Oregon CBD's White CBG strain | 1/6/2021 7:33 AM |
| 15 | Green Lightning (High Alpine Genetics) | 1/5/2021 6:22 PM |
| 16 | Mint Blueberry Kush, Grape Juice, SR1, Baox | 1/5/2021 6:10 PM |
| 17 | Suver and Elektra | 1/5/2021 5:35 PM |
| 18 | none | 1/5/2021 2:05 PM |
| 19 | Mountain Blizzard | 1/5/2021 1:44 PM |

Q5 What method has been best for you with regard to seed planting?

Answered: 33 Skipped: 0

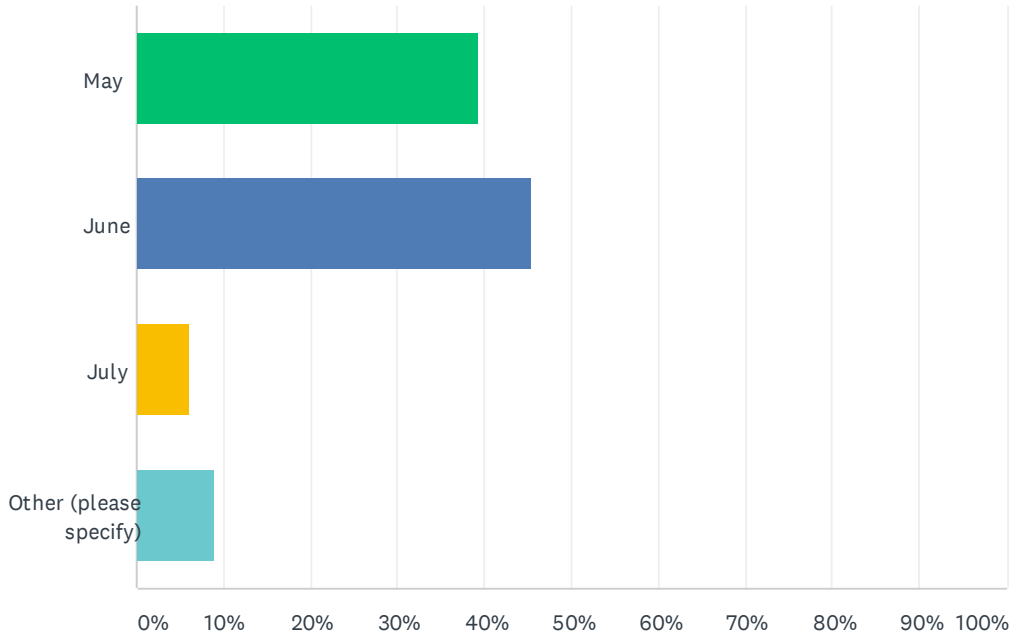


| ANSWER CHOICES | RESPONSES | |
|---|-----------|-----------|
| Start indoors/greenhouse with potting soil | 60.61% | 20 |
| Start indoors/greenhouse with Rockwool | 3.03% | 1 |
| Plant seeds directly in the soil by hand | 15.15% | 5 |
| Plant seeds directly in the soil by machine | 0.00% | 0 |
| Other (please specify) | 21.21% | 7 |
| TOTAL | | 33 |

| # | OTHER (PLEASE SPECIFY) | DATE |
|---|--|-------------------|
| 1 | Clones | 1/31/2021 8:51 AM |
| 2 | Started in a cup went to bucket in the field | 1/25/2021 8:04 PM |
| 3 | Indoor starting racks handmade | 1/11/2021 9:59 AM |
| 4 | Wet paper towel, indoor transition to outdoor | 1/7/2021 5:13 PM |
| 5 | Jiffy pucks in provided tray with humidity dome | 1/5/2021 6:22 PM |
| 6 | Nothing had worked yet...can't get them past seedlings | 1/5/2021 6:19 PM |
| 7 | none | 1/5/2021 2:05 PM |

Q6 When did you plant your crop?

Answered: 33 Skipped: 0

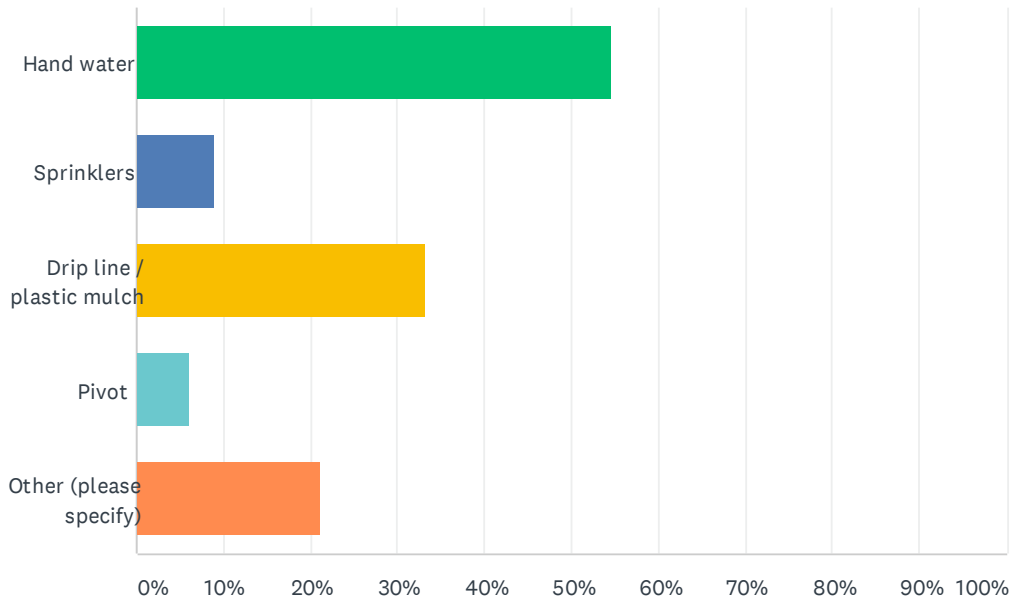


| ANSWER CHOICES | RESPONSES |
|------------------------|-----------|
| May | 39.39% 13 |
| June | 45.45% 15 |
| July | 6.06% 2 |
| Other (please specify) | 9.09% 3 |
| TOTAL | 33 |

| # | OTHER (PLEASE SPECIFY) | DATE |
|---|------------------------|------------------|
| 1 | April 28 | 1/6/2021 4:29 AM |
| 2 | Mid-April | 1/5/2021 6:22 PM |
| 3 | never | 1/5/2021 2:05 PM |

Q7 How did you water your hemp crop?

Answered: 33 Skipped: 0

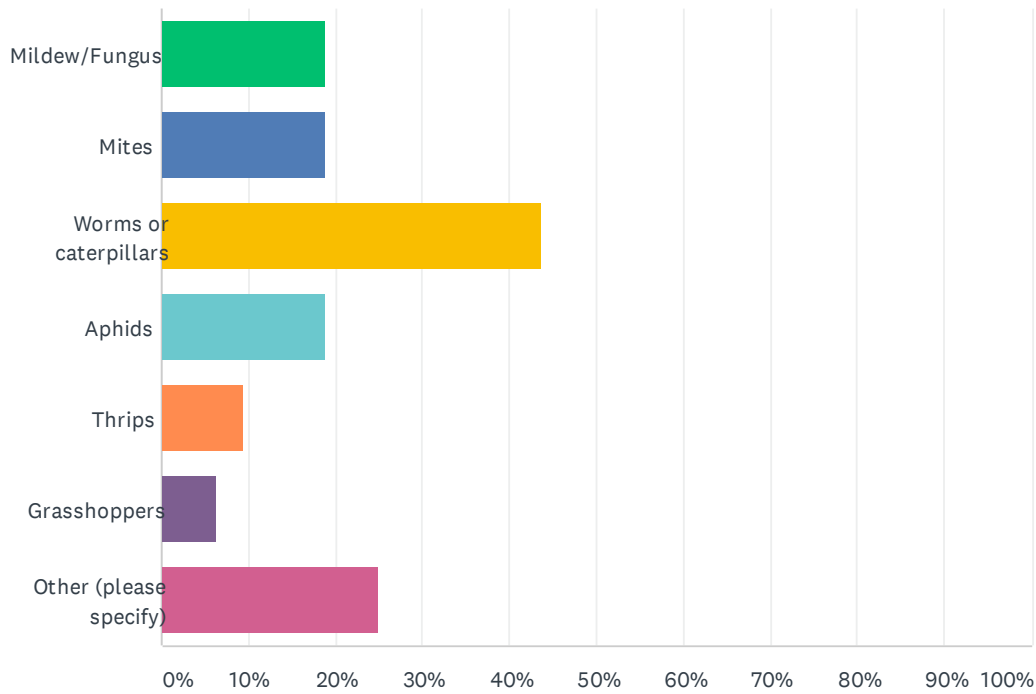


| ANSWER CHOICES | RESPONSES |
|---------------------------|-----------|
| Hand water | 54.55% 18 |
| Sprinklers | 9.09% 3 |
| Drip line / plastic mulch | 33.33% 11 |
| Pivot | 6.06% 2 |
| Other (please specify) | 21.21% 7 |
| Total Respondents: 33 | |

| # | OTHER (PLEASE SPECIFY) | DATE |
|---|---------------------------------------|-------------------|
| 1 | Havested rain water & drip irrigation | 1/31/2021 8:51 AM |
| 2 | Irrigation reel (Cadman 4000s) | 1/26/2021 5:24 PM |
| 3 | rain | 1/25/2021 2:06 PM |
| 4 | Underground spring | 1/11/2021 9:59 AM |
| 5 | Trailer tank | 1/9/2021 9:01 PM |
| 6 | Mother Nature | 1/6/2021 4:29 AM |
| 7 | didn't | 1/5/2021 2:05 PM |

Q8 Did you have issues with pests or disease? If so what kinds? (check all that apply)

Answered: 32 Skipped: 1

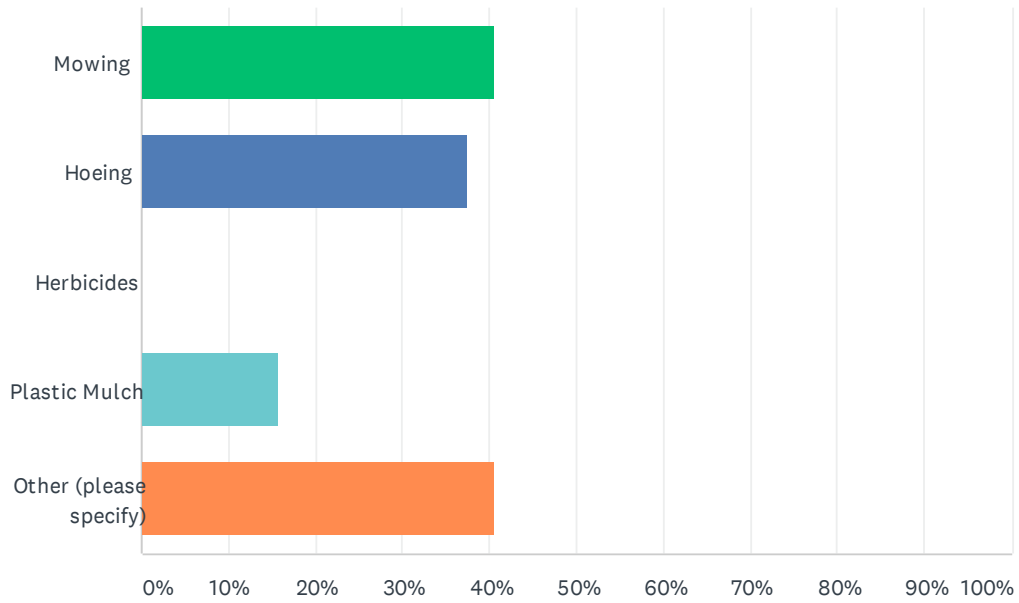


| ANSWER CHOICES | RESPONSES | |
|------------------------|-----------|----|
| Mildew/Fungus | 18.75% | 6 |
| Mites | 18.75% | 6 |
| Worms or caterpillars | 43.75% | 14 |
| Aphids | 18.75% | 6 |
| Thrips | 9.38% | 3 |
| Grasshoppers | 6.25% | 2 |
| Other (please specify) | 25.00% | 8 |
| Total Respondents: 32 | | |

| # | OTHER (PLEASE SPECIFY) | DATE |
|---|---|-------------------|
| 1 | White moths | 1/25/2021 8:04 PM |
| 2 | nets | 1/25/2021 2:06 PM |
| 3 | None | 1/25/2021 1:32 PM |
| 4 | Pack rats, deer, bears | 1/7/2021 5:13 PM |
| 5 | Spiders | 1/5/2021 6:22 PM |
| 6 | They died :(I replanted after starting seed in wet paper towels. | 1/5/2021 6:19 PM |
| 7 | nope | 1/5/2021 2:05 PM |
| 8 | None | 1/5/2021 1:44 PM |

Q9 How did you handle weed control? (check all that apply)

Answered: 32 Skipped: 1

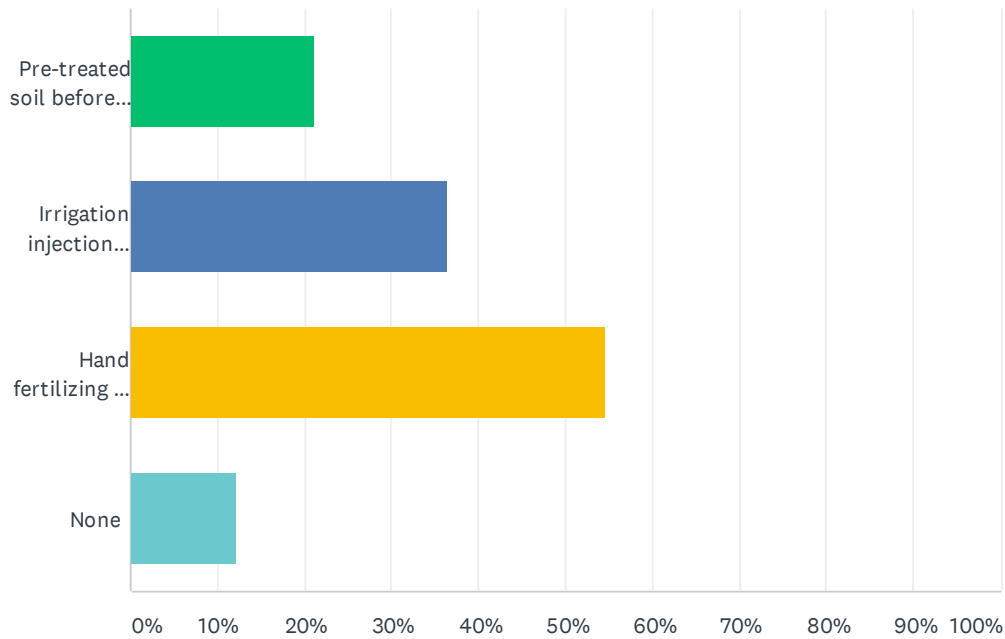


| ANSWER CHOICES | RESPONSES | |
|------------------------|-----------|----|
| Mowing | 40.63% | 13 |
| Hoeing | 37.50% | 12 |
| Herbicides | 0.00% | 0 |
| Plastic Mulch | 15.63% | 5 |
| Other (please specify) | 40.63% | 13 |
| Total Respondents: 32 | | |

| # | OTHER (PLEASE SPECIFY) | DATE |
|----|--|-------------------|
| 1 | grew inside | 1/31/2021 8:51 AM |
| 2 | organic mulch | 1/25/2021 9:50 PM |
| 3 | Straw/hay mulch | 1/25/2021 4:40 PM |
| 4 | cover crops and mulch | 1/25/2021 3:48 PM |
| 5 | Wood mulch and permaculture | 1/25/2021 1:30 PM |
| 6 | Grass Mulch | 1/15/2021 9:16 AM |
| 7 | Highly acidic vinegar and dish soap plus some salt | 1/9/2021 9:01 PM |
| 8 | Na | 1/7/2021 5:13 PM |
| 9 | Grew in 7 gallon pots | 1/6/2021 7:33 AM |
| 10 | Natural mulch | 1/6/2021 4:29 AM |
| 11 | Used pots/fabric pots | 1/5/2021 6:22 PM |
| 12 | Individual pots outside | 1/5/2021 6:19 PM |
| 13 | didn't | 1/5/2021 2:05 PM |

Q10 Did you incorporate a nutrient management program? (check all that apply)

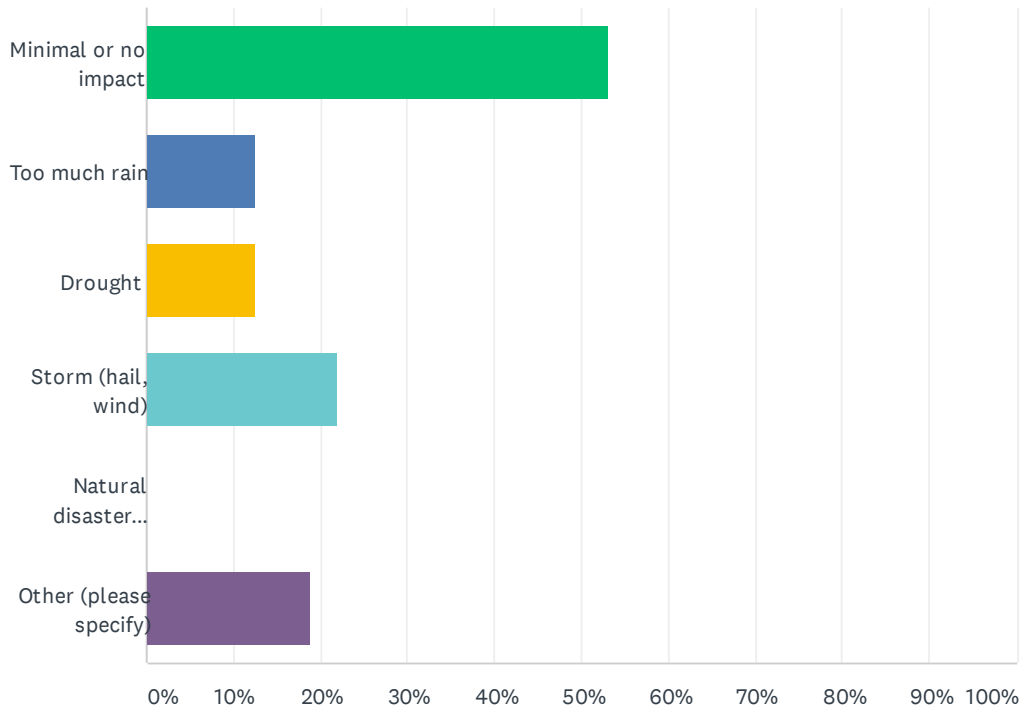
Answered: 33 Skipped: 0



| ANSWER CHOICES | RESPONSES | |
|------------------------------------|-----------|----|
| Pre-treated soil before planting | 21.21% | 7 |
| Irrigation injection (fertigation) | 36.36% | 12 |
| Hand fertilizing dry or liquid | 54.55% | 18 |
| None | 12.12% | 4 |
| Total Respondents: 33 | | |

Q11 Was your season impacted by weather? (check all that apply)

Answered: 32 Skipped: 1

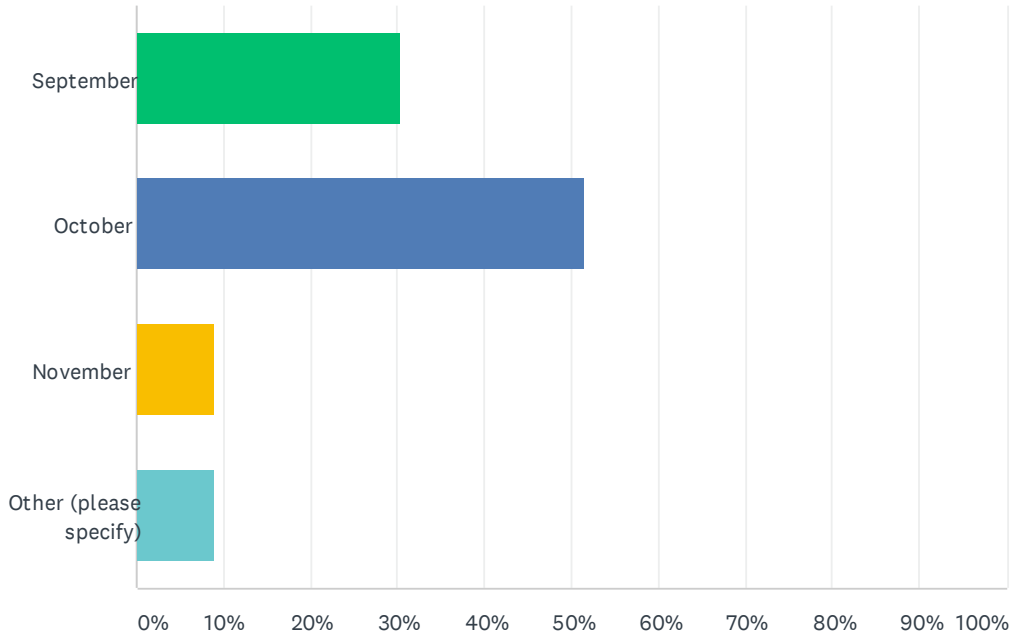


| ANSWER CHOICES | RESPONSES |
|-------------------------------|-----------|
| Minimal or no impact | 53.13% 17 |
| Too much rain | 12.50% 4 |
| Drought | 12.50% 4 |
| Storm (hail, wind) | 21.88% 7 |
| Natural disaster (fire/flood) | 0.00% 0 |
| Other (please specify) | 18.75% 6 |
| Total Respondents: 32 | |

| # | OTHER (PLEASE SPECIFY) | DATE |
|---|---|-------------------|
| 1 | 2 Hurricanes and 1 tonado | 1/31/2021 8:51 AM |
| 2 | Hard Freeze | 1/31/2021 2:37 AM |
| 3 | Derecho | 1/25/2021 4:40 PM |
| 4 | Storm blew down the green house witch caused the last start | 1/9/2021 9:01 PM |
| 5 | Growing at 9300 ASL | 1/7/2021 5:13 PM |
| 6 | No | 1/5/2021 2:05 PM |

Q12 When did you harvest your crop?

Answered: 33 Skipped: 0

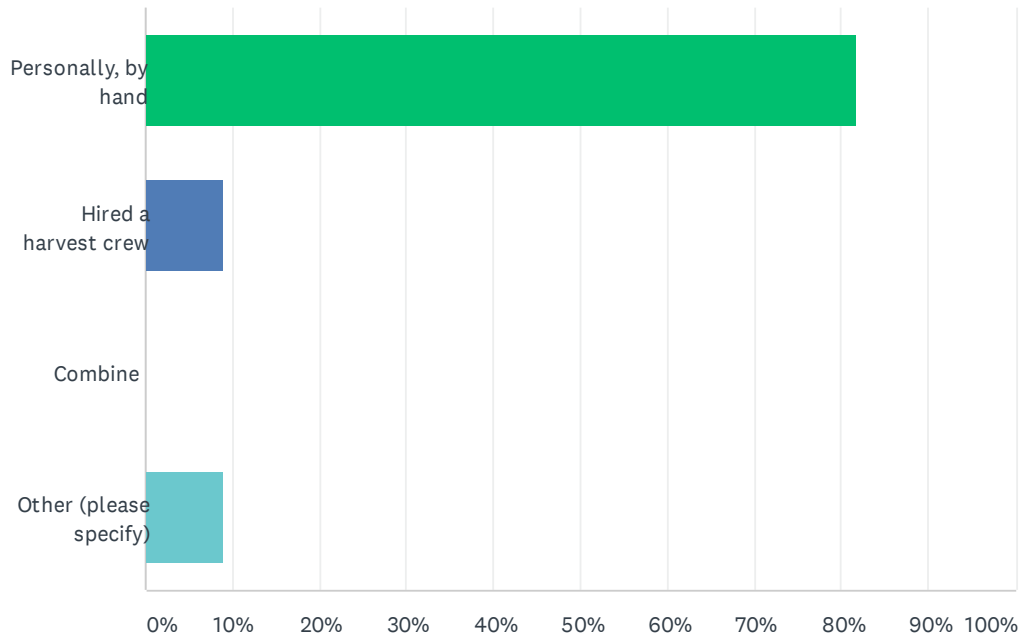


| ANSWER CHOICES | RESPONSES |
|------------------------|-----------|
| September | 30.30% 10 |
| October | 51.52% 17 |
| November | 9.09% 3 |
| Other (please specify) | 9.09% 3 |
| TOTAL | 33 |

| # | OTHER (PLEASE SPECIFY) | DATE |
|---|--|-------------------|
| 1 | lack of electricity and destroyed greenhouse | 1/31/2021 8:51 AM |
| 2 | No harvest yet... | 1/5/2021 6:19 PM |
| 3 | didnt | 1/5/2021 2:05 PM |

Q13 How did you harvest your crop? (check all that apply)

Answered: 33 Skipped: 0

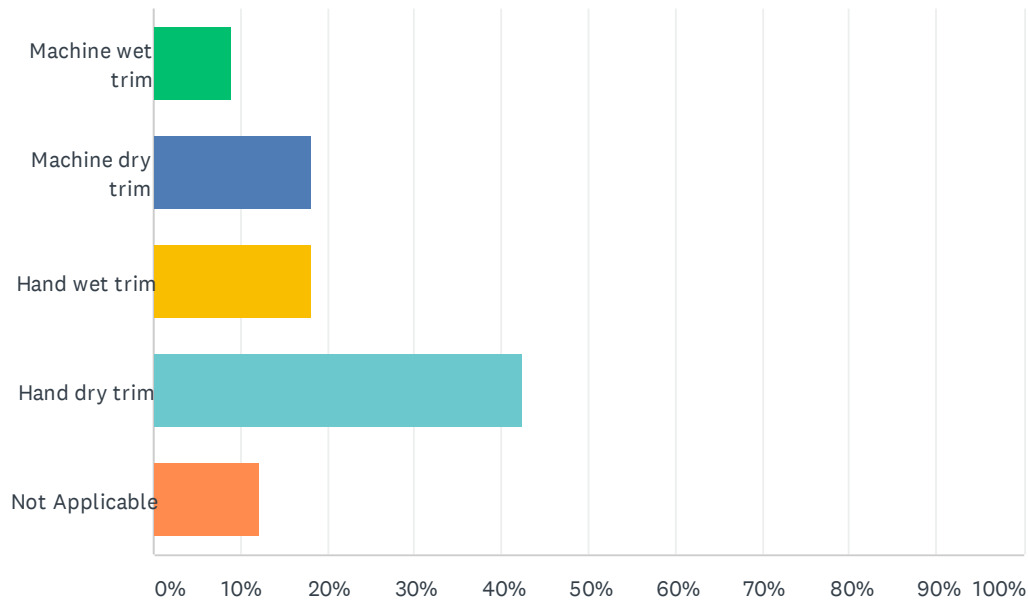


| ANSWER CHOICES | RESPONSES |
|------------------------|-----------|
| Personally, by hand | 81.82% 27 |
| Hired a harvest crew | 9.09% 3 |
| Combine | 0.00% 0 |
| Other (please specify) | 9.09% 3 |
| TOTAL | 33 |

| # | OTHER (PLEASE SPECIFY) | DATE |
|---|---------------------------------------|-------------------|
| 1 | lost crop but was going to do by hand | 1/31/2021 8:51 AM |
| 2 | No harvest | 1/5/2021 6:19 PM |
| 3 | didn't | 1/5/2021 2:05 PM |

Q14 If you grew smokeable hemp, how did you process your crop? (check all that apply)

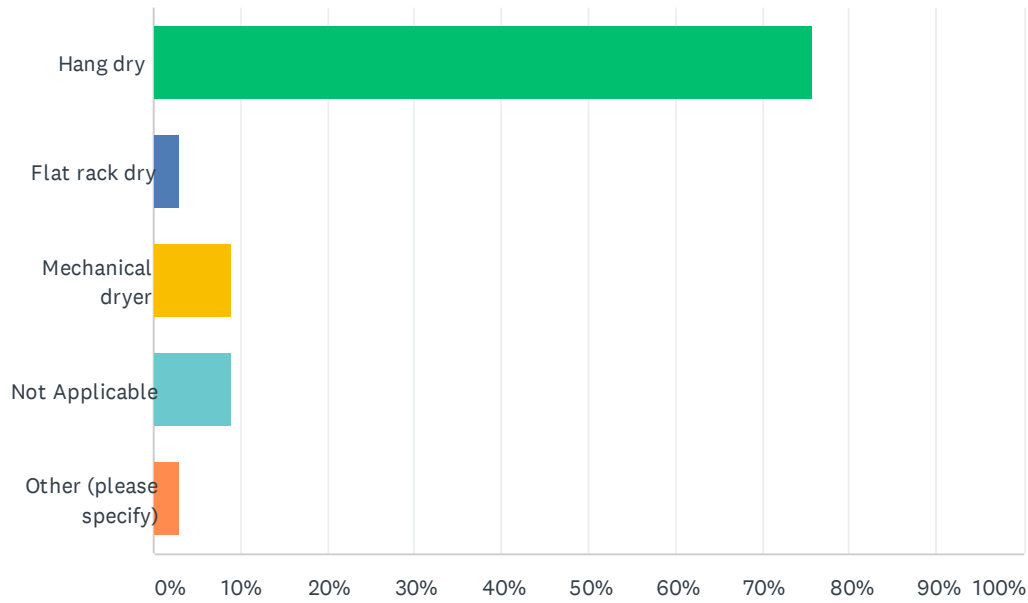
Answered: 33 Skipped: 0



| ANSWER CHOICES | RESPONSES |
|------------------|-----------|
| Machine wet trim | 9.09% 3 |
| Machine dry trim | 18.18% 6 |
| Hand wet trim | 18.18% 6 |
| Hand dry trim | 42.42% 14 |
| Not Applicable | 12.12% 4 |
| TOTAL | 33 |

Q15 If you grew smokeable hemp, how did you dry your crop

Answered: 33 Skipped: 0

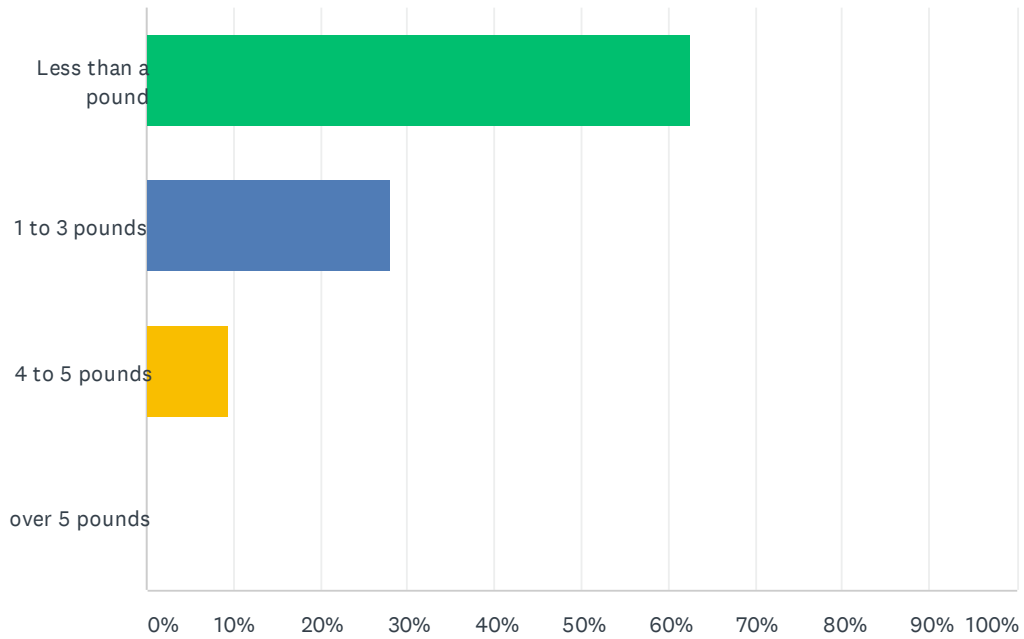


| ANSWER CHOICES | RESPONSES |
|------------------------|-----------|
| Hang dry | 75.76% 25 |
| Flat rack dry | 3.03% 1 |
| Mechanical dryer | 9.09% 3 |
| Not Applicable | 9.09% 3 |
| Other (please specify) | 3.03% 1 |
| TOTAL | 33 |

| # | OTHER (PLEASE SPECIFY) | DATE |
|---|------------------------|------------------|
| 1 | didn't | 1/5/2021 2:05 PM |

Q16 What was the average dry weight of your harvest per plant?

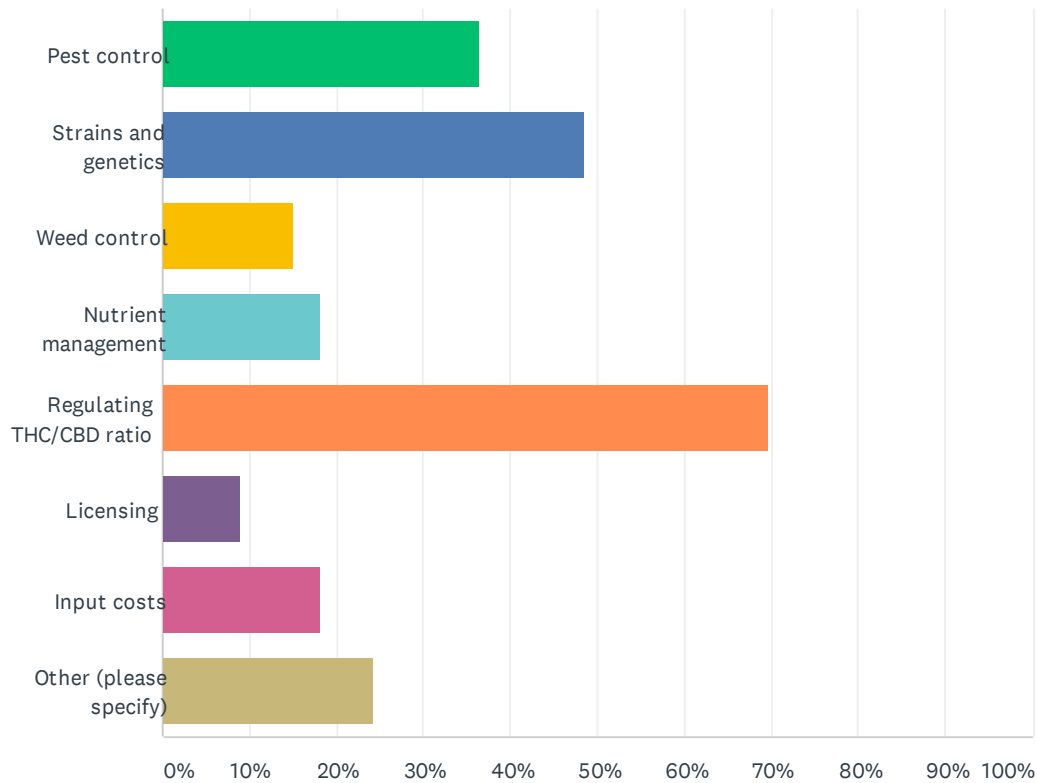
Answered: 32 Skipped: 1



| ANSWER CHOICES | RESPONSES | |
|-------------------|-----------|-----------|
| Less than a pound | 62.50% | 20 |
| 1 to 3 pounds | 28.13% | 9 |
| 4 to 5 pounds | 9.38% | 3 |
| over 5 pounds | 0.00% | 0 |
| TOTAL | | 32 |

Q17 What are the most important non-weather-related variables that you're concerned about for hemp growing in 2021? (check all that apply)

Answered: 33 Skipped: 0

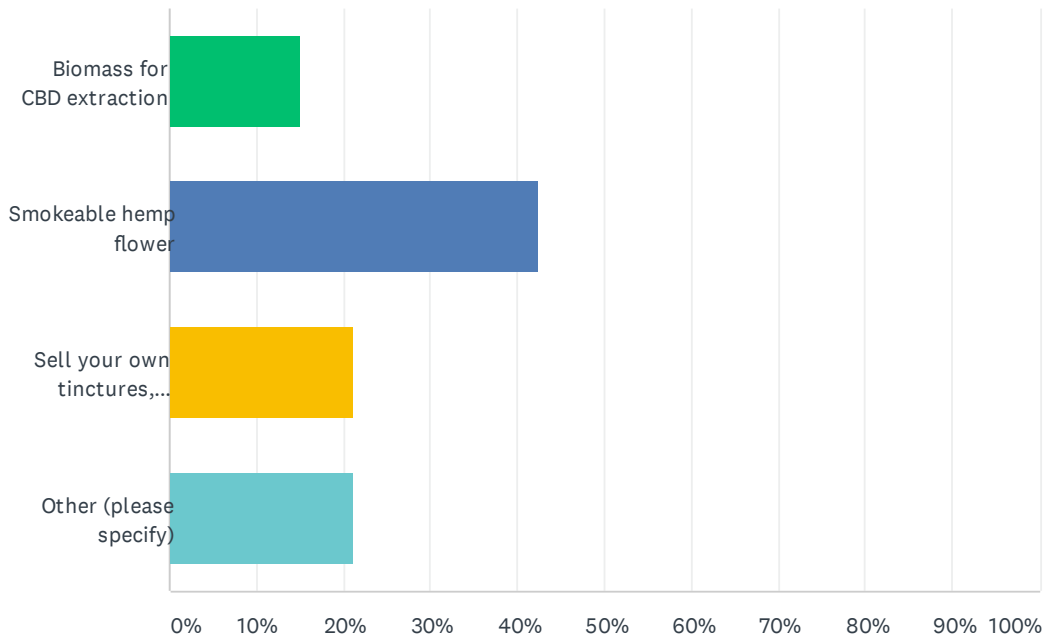


| ANSWER CHOICES | RESPONSES |
|--------------------------|-----------|
| Pest control | 36.36% 12 |
| Strains and genetics | 48.48% 16 |
| Weed control | 15.15% 5 |
| Nutrient management | 18.18% 6 |
| Regulating THC/CBD ratio | 69.70% 23 |
| Licensing | 9.09% 3 |
| Input costs | 18.18% 6 |
| Other (please specify) | 24.24% 8 |
| Total Respondents: 33 | |

| # | OTHER (PLEASE SPECIFY) | DATE |
|---|--|-------------------|
| 1 | Marketability | 1/26/2021 5:24 PM |
| 2 | Plant variability is terrible. The seed producers don't yet really know what they are doing. COAs promise high CBD, but aren't field-tested outdoor. | 1/25/2021 1:30 PM |
| 3 | I grew in Georgia also and we got the license so late. We have 2021 licenses in hand already | 1/9/2021 9:01 PM |
| 4 | Marketing | 1/6/2021 8:42 AM |
| 5 | Law Enforcement ignorance, Seed availability to kiosk growers | 1/6/2021 4:29 AM |
| 6 | Getting my seeds to grow at all is my main concern | 1/5/2021 6:19 PM |
| 7 | Buyers | 1/5/2021 5:35 PM |
| 8 | goofy, high employees | 1/5/2021 2:05 PM |

Q18 How did you plan to make money with your crop? (check all that apply)

Answered: 33 Skipped: 0

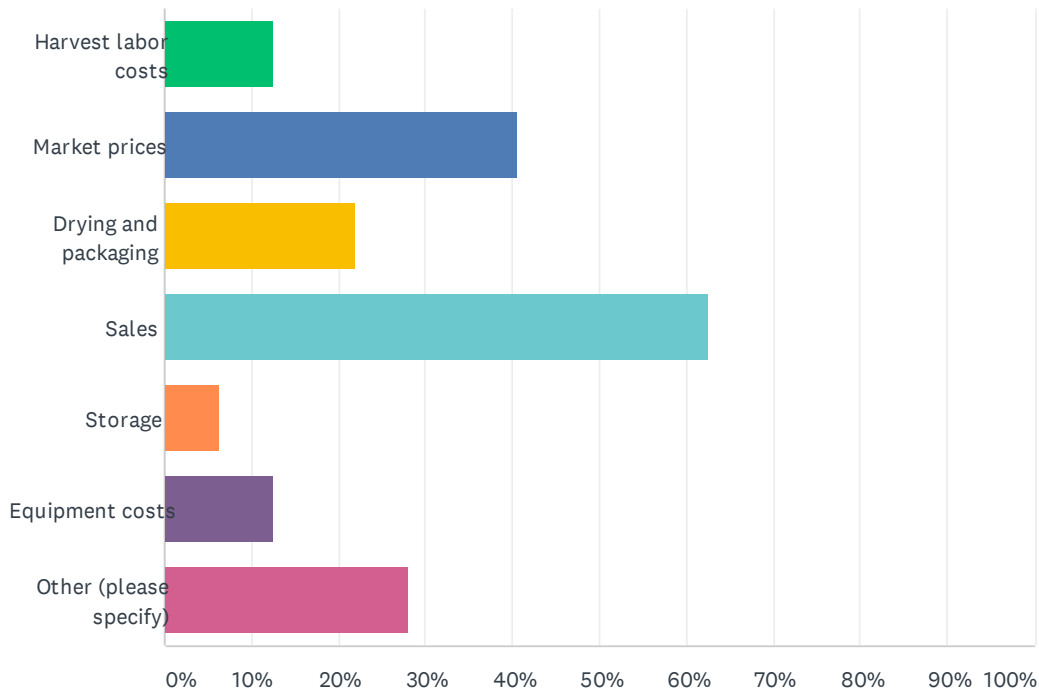


| ANSWER CHOICES | RESPONSES |
|---|-----------|
| Biomass for CBD extraction | 15.15% 5 |
| Smokeable hemp flower | 42.42% 14 |
| Sell your own tinctures, edibles, topicals etc. | 21.21% 7 |
| Other (please specify) | 21.21% 7 |
| TOTAL | 33 |

| # | OTHER (PLEASE SPECIFY) | DATE |
|---|--|-------------------|
| 1 | CBD | 1/31/2021 8:51 AM |
| 2 | All | 1/25/2021 4:40 PM |
| 3 | Personal grow | 1/7/2021 5:13 PM |
| 4 | Grew for ill friend | 1/6/2021 4:29 AM |
| 5 | Not for profit | 1/5/2021 6:19 PM |
| 6 | livestock feed | 1/5/2021 2:05 PM |
| 7 | CBD extraction-smokable hemp flower-drinkable hemp tea | 1/5/2021 1:44 PM |

Q19 What post-harvest variables are you concerned about regarding your 2021 hemp crop? (check all that apply)

Answered: 32 Skipped: 1

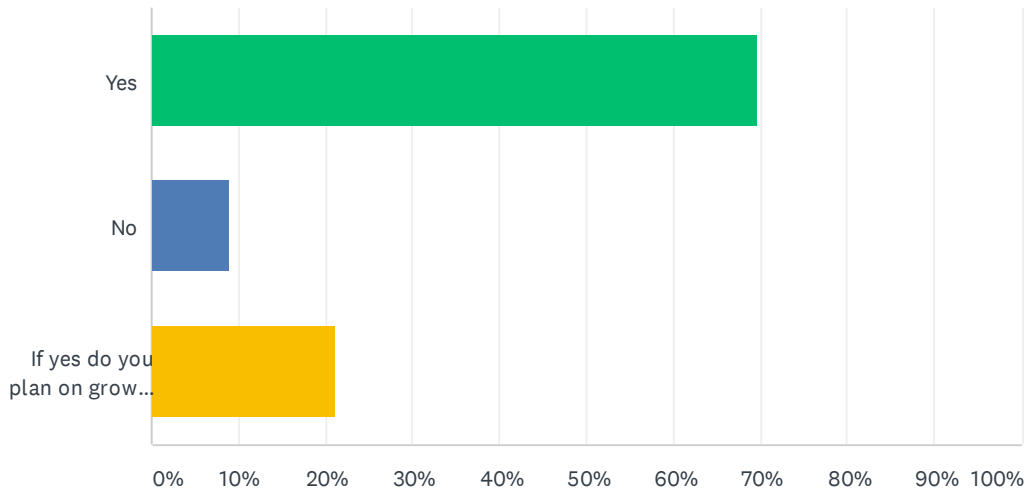


| ANSWER CHOICES | RESPONSES |
|------------------------|-----------|
| Harvest labor costs | 12.50% 4 |
| Market prices | 40.63% 13 |
| Drying and packaging | 21.88% 7 |
| Sales | 62.50% 20 |
| Storage | 6.25% 2 |
| Equipment costs | 12.50% 4 |
| Other (please specify) | 28.13% 9 |
| Total Respondents: 32 | |

| # | OTHER (PLEASE SPECIFY) | DATE |
|---|---|-------------------|
| 1 | Not having as many seeds. Quick kush had a ton of seeds | 2/3/2021 7:27 AM |
| 2 | Louisiana needs a broker for out of the field sales | 1/31/2021 8:51 AM |
| 3 | Producing the highest quality product | 1/11/2021 9:59 AM |
| 4 | Expanding after having a poor harvest has been challenging. | 1/9/2021 9:01 PM |
| 5 | NA | 1/7/2021 5:13 PM |
| 6 | Law Enforcement ignorance | 1/6/2021 4:29 AM |
| 7 | N/A | 1/5/2021 6:22 PM |
| 8 | Processing and buyers | 1/5/2021 5:35 PM |
| 9 | price | 1/5/2021 2:05 PM |

Q20 Do you plan on growing in 2021

Answered: 33 Skipped: 0



| ANSWER CHOICES | RESPONSES | |
|---|-----------|-----------|
| Yes | 69.70% | 23 |
| No | 9.09% | 3 |
| If yes do you plan on growing more or less than you grew in 2020? | 21.21% | 7 |
| TOTAL | | 33 |

| # | IF YES DO YOU PLAN ON GROWING MORE OR LESS THAN YOU GREW IN 2020? | DATE |
|---|---|--------------------|
| 1 | Less | 2/3/2021 7:27 AM |
| 2 | less | 1/15/2021 9:16 AM |
| 3 | less, control OH costs | 1/12/2021 12:37 PM |
| 4 | 12 | 1/7/2021 5:13 PM |
| 5 | Less | 1/6/2021 8:42 AM |
| 6 | Less | 1/5/2021 6:22 PM |
| 7 | Less | 1/5/2021 6:10 PM |



Feminized Hemp Seed Grown in Colorado 

Consistent and Stable High CBD Genetics

We grow all our seed in environmentally controlled indoor grow rooms at our facilities in Colorado. Each strain is produced at a separate location. This helps us ensure pure seed batches that produce stable and consistent phenotypes in the field.

Featuring Our Three S1 Strains

Mountain Mango

Planted in over 40 States across the US in 2020. Our proprietary strain has produced winning crops from California to Maine. The large flowers combine high CBD content with a fruity taste and scent.

Cherry Wine

The mostly widely planted high-CBD hemp cultivar in the US last year. Our S1 seeds come from “Bohdi’s Cut”, the strain’s creator. This ensures that your crop will be a replication of the phenotype created from the original cross.

Quick Kush

Our new proprietary strain matures early and produces a super-tasty ‘kush’ like flower perfect for the preroll or dried-flower market. The buds are deeply structured with large crystal coated calyxes and an unmatched dank fragrance.

What Makes Our Feminized Hemp Seed Different

With our best-in-class grow rooms, we produce feminized hemp seed under complete environmental control. By maintaining separate grow facilities for each of our strains, we take all the necessary steps to eliminate the possibility of cross-pollination. This is the most effective means available to ensure the seeds we sell produce a stable and consistent phenotype. While it is more costly to operate these separate facilities, the benefit to you is hemp seed you can trust to be reliable, vigorous, and produce consistent results in the field or your home grow.



About Us

Cheyenne Mountain Seed Company’s leadership team has a combined 25 years of success growing medicinal cannabis in Colorado – a horticultural cousin of the hemp plant. We are now bringing the same passion for excellence and technological know-how to the hemp industry. Our corporate mission is simple: deliver the benefits of medicinal phytocannabinoids to as many people and animals as we possibly can. Through farmers and growers, our seed will ultimately produce products that will help more people than we could possibly touch ourselves. Why do we go the extra mile? Because we see ourselves as partners in the success of our customers and want you to come back to us as a trusted, valued supplier, season after season.

Cheyenne Mountain Seed Company • Colorado Springs, Colorado, USA

www.cheyennemountainseedcompany.com

For more information, call Reed Mason at 719-217-0207 or email r.mason@cheyennemountainseedcompany.com