

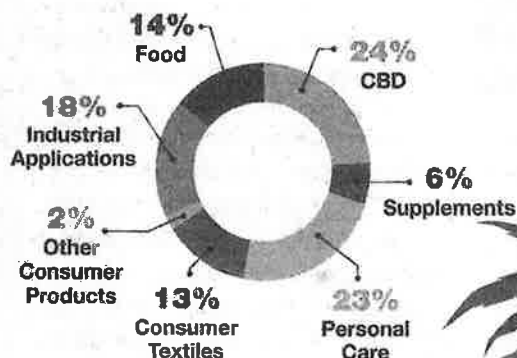


March 25, 2019 - a Harvest
H122 3

Poised for Takeoff

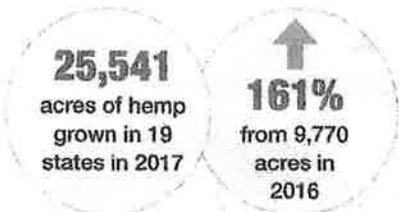
Thanks to the 2018 farm bill, hemp-derived CBD is legal, hemp farmers can apply for crop insurance and more banks will be willing to work with hemp farmers and companies. According to New Frontier Data, hemp-derived CBD product sales will grow from \$390 million in 2018 to \$1.3 billion in four short years.

\$795 Million U.S. Hemp Based Product Sales by Category



Top Hemp Growing States

	Acres	
	2016	2017
Colorado	5,921	9,700
Oregon	500	3,469
Kentucky	2,525	3,100
North Dakota	70	3,020
New York	30	2,000
Minnesota	51	1,205



SEEDS

Hemp seeds can be used both raw and for the oils they produce.

- Oil: cooking oil, dietary supplement, personal care products, fuel, paint
- Seed cake: flour, beer, animal feed
- Hemp nut: milk/dairy, baked goods, granola, protein powder

LEAVES/FLOWERS

- Animal bedding, compost, medicine/recreation

STALK

FIBER:

the outer bast fibers of the stalk usually made into long strands.

- Apparel, diapers, fabrics, handbags, twine, rope, nets, paper

HURD:

leftover pieces of stem and stalk made into small chunks

- Paper, organic compost, animal bedding, fiberboard, insulation

ROOTS

- Medicine, organic compost, improves soil health, reduces water pollution, benefits crop rotation

HEMP YIELDS
3 to 8
dry tons of fiber per acre

4 TIMES
what an average forest can yield