

BelmontBioAg, LLC

Water Usage and Re-use (06.01.18)

Well Water

	Gallon/min	Gallon/day	Gallon/year
Feedlot	167	240,480	87,775,200
Ethanol Plant (operates 350 days per year)	249	358,560	125,496,000
CO ₂ Plant (operates 350 days per year)	55	79,200	27,720,000
Floriculture	20	28,800	<u>10,512,000</u>
		Total	251,503,200

Recycle

Feedlot (from Ammonia Stripping)	21	30,240	11,037,600
Ethanol Plant (from RO)	229	329,760	115,416,000
Ethanol Plant (from CO ₂ Plant)	36	51,840	18,144,000
FBR Boiler (from RO)	20	28,800	<u>10,512,000</u>
		Total	155,109,600

Total Water Demand, Well Water plus Recycle

	Gallon/min	Gallon/day	Gallon/year
Feedlot	188	270,720	98,812,800
Ethanol	514	740,160	259,056,000
CO ₂ Plant	55	79,200	27,720,000
FBR Boiler	20	28,800	10,512,000
Floriculture	20	28,800	<u>10,512,000</u>
		Total	406,612,800
		Total Usage Recycled	38.15%
		Ethanol Plant Recycle	51.56%