

2025 OFDA 2000 Data Overview for Alpaca Breeders

Note: Some clors are omitted because of insufficient numbers tested for meaningful data.

Age Group: <12 Months

Huacaya

Color	Avg AFD (μm)	SD AFD (μm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	18.52	3.2	10.2	0.92
Beige	18.40	3.1	10.1	0.90
Dark Brown	18.01	3.1	10.0	0.89
Dark Fawn	16.98	3.0	9.8	0.91
Dark Rose Grey	18.25	3.2	10.1	0.90
Dark Silver Grey	19.50	3.3	10.3	0.93
Light Brown	17.55	3.0	9.9	0.91
Light Fawn	18.29	3.1	10.0	0.92
Light Rose Grey	16.03	2.9	9.7	0.88
Light Silver Grey	17.27	3.0	9.9	0.90
Medium Brown	17.33	3.0	9.9	0.89
Medium Fawn	15.91	2.9	9.6	0.87
Medium Rose Grey	16.39	2.9	9.7	0.88
Medium Silver Grey	16.78	3.0	9.8	0.89
Multi or Fancy	16.70	2.9	9.7	0.86
True Black	18.88	3.2	10.2	0.94
White	17.00	3.0	9.9	0.91

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Color	Avg AFD (μm)	SD AFD (μm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	19.90	3.5	11.5	1.05
Beige	17.42	3.4	11.3	1.03
Dark Brown	18.45	3.4	11.4	1.02
Dark Fawn	18.30	3.3	11.3	1.04
Light Fawn	18.67	3.4	11.4	1.05
Light Brown	16.20	3.2	11.1	1.01
Medium Brown	18.30	3.4	11.4	1.04
Medium Fawn	18.28	3.3	11.3	1.03
Medium Silver Grey	17.36	3.3	11.2	1.02
Multi or Fancy	21.10	3.6	11.7	1.06
True Black	18.25	3.4	11.4	1.04
White	18.60	3.4	11.4	1.03

Age Group: 13 - 24 Months**Huacaya**

Color	Avg AFD (μm)	SD AFD (μm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	19.30	3.6	11.8	0.82
Beige	19.20	3.5	11.7	0.80
Dark Brown	18.70	3.5	11.6	0.79
Dark Fawn	17.60	3.4	11.4	0.81
Dark Rose Grey	19.00	3.5	11.7	0.80
Dark Silver Grey	20.30	3.7	11.9	0.83
Light Brown	18.20	3.4	11.5	0.81
Light Fawn	18.90	3.5	11.6	0.82
Light Rose Grey	16.70	3.3	11.3	0.78
Light Silver Grey	17.90	3.4	11.5	0.80
Medium Brown	18.00	3.4	11.5	0.79
Medium Fawn	16.60	3.3	11.2	0.77
Medium Rose Grey	17.20	3.3	11.3	0.78
Medium Silver Grey	17.50	3.4	11.4	0.79
Multi or Fancy	17.40	3.3	11.3	0.76
True Black	19.60	3.6	11.8	0.84
White	17.70	3.4	11.5	0.81

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Color	Avg AFD (μm)	SD AFD (μm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	20.70	4.0	13.0	0.95
Beige	18.10	3.9	12.8	0.93
Dark Brown	19.20	3.9	12.9	0.92
Dark Fawn	19.10	3.8	12.8	0.94
Light Fawn	19.40	3.9	12.9	0.95
Light Brown	16.90	3.7	12.6	0.91
Medium Brown	19.00	3.9	12.9	0.94
Medium Fawn	19.00	3.8	12.8	0.93
Medium Silver Grey	18.00	3.8	12.7	0.92
Multi or Fancy	21.90	4.1	13.2	0.96
True Black	19.00	3.9	12.9	0.94
White	19.30	3.9	12.9	0.93

Age Group: 25 - 36 Months**Huacaya**

Color	Avg AFD (μm)	SD AFD (μm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	21.00	4.0	13.0	0.72
Beige	20.90	3.9	12.9	0.70
Dark Brown	20.40	3.9	12.8	0.69
Dark Fawn	19.30	3.8	12.6	0.71
Dark Rose Grey	20.70	3.9	12.9	0.70
Dark Silver Grey	22.00	4.1	13.1	0.73
Light Brown	19.90	3.8	12.7	0.71
Light Fawn	20.60	3.9	12.8	0.72
Light Rose Grey	18.40	3.7	12.5	0.68
Light Silver Grey	19.60	3.8	12.7	0.70
Medium Brown	19.70	3.8	12.7	0.69
Medium Fawn	18.30	3.7	12.4	0.67
Medium Rose Grey	18.90	3.7	12.5	0.68
Medium Silver Grey	19.20	3.8	12.6	0.69
Multi or Fancy	19.10	3.7	12.5	0.66
True Black	21.30	4.0	13.0	0.74
White	19.40	3.8	12.7	0.71

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Color	Avg AFD (μm)	SD AFD (μm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	22.40	4.5	14.2	0.85
Beige	19.80	4.4	14.0	0.83
Dark Brown	20.90	4.4	14.1	0.82
Dark Fawn	20.80	4.3	14.0	0.84
Light Fawn	21.10	4.4	14.1	0.85
Light Brown	18.60	4.2	13.8	0.81
Medium Brown	20.70	4.4	14.1	0.84
Medium Fawn	20.70	4.3	14.0	0.83
Medium Silver Grey	19.70	4.3	13.9	0.82
Multi or Fancy	23.60	4.6	14.4	0.86
True Black	20.70	4.4	14.1	0.84
White	21.00	4.4	14.1	0.83

Age Group: 37 - 48 Months**Huacaya**

Color	Avg AFD (μm)	SD AFD (μm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	24.00	4.4	14.0	0.62
Beige	23.90	4.3	13.9	0.60
Dark Brown	23.40	4.3	13.8	0.59
Dark Fawn	22.30	4.2	13.6	0.61
Dark Rose Grey	23.70	4.3	13.9	0.60
Dark Silver Grey	25.00	4.5	14.1	0.63
Light Brown	22.90	4.2	13.7	0.61
Light Fawn	23.60	4.3	13.8	0.62
Light Rose Grey	21.40	4.1	13.5	0.58
Light Silver Grey	22.60	4.2	13.7	0.60
Medium Brown	22.70	4.2	13.7	0.59
Medium Fawn	21.30	4.1	13.4	0.57
Medium Rose Grey	21.90	4.1	13.5	0.58
Medium Silver Grey	22.20	4.2	13.6	0.59
Multi or Fancy	22.10	4.1	13.5	0.56
True Black	24.30	4.4	14.0	0.64
White	22.40	4.2	13.7	0.61

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Color	Avg AFD (μm)	SD AFD (μm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	25.40	4.9	15.2	0.75
Beige	22.80	4.8	15.0	0.73
Dark Brown	23.90	4.8	15.1	0.72
Dark Fawn	23.80	4.7	15.0	0.74
Light Fawn	24.10	4.8	15.1	0.75
Light Brown	21.60	4.6	14.8	0.71
Medium Brown	23.70	4.8	15.1	0.74
Medium Fawn	23.70	4.7	15.0	0.73
Medium Silver Grey	22.70	4.7	14.9	0.72
Multi or Fancy	26.60	5.0	15.4	0.76
True Black	23.70	4.8	15.1	0.74
White	24.00	4.8	15.1	0.73

Age Group: 49 - 60 Months**Huacaya**

Color	Avg AFD (μm)	SD AFD (μm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	26.50	4.8	14.8	0.52
Beige	26.20	4.7	14.7	0.50
Dark Brown	26.00	4.7	14.6	0.49
Dark Fawn	24.80	4.6	14.4	0.51
Dark Rose Grey	26.30	4.7	14.7	0.50
Dark Silver Grey	27.60	4.9	14.9	0.53
Light Brown	25.50	4.6	14.5	0.51
Light Fawn	26.20	4.7	14.6	0.52
Light Rose Grey	24.00	4.5	14.3	0.48
Light Silver Grey	25.20	4.6	14.5	0.50
Medium Brown	25.30	4.6	14.5	0.49
Medium Fawn	23.90	4.5	14.2	0.47
Medium Rose Grey	24.50	4.5	14.3	0.48
Medium Silver Grey	24.80	4.6	14.4	0.49
Multi or Fancy	24.70	4.5	14.3	0.46
True Black	26.90	4.8	14.8	0.54
White	25.00	4.6	14.5	0.51

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Color	Avg AFD (μm)	SD AFD (μm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	28.00	5.3	16.0	0.65
Beige	25.40	5.2	15.8	0.63
Dark Brown	26.50	5.2	15.9	0.62
Dark Fawn	26.40	5.1	15.8	0.64
Light Fawn	26.70	5.2	15.9	0.65
Light Brown	24.20	5.0	15.6	0.61
Medium Brown	26.30	5.2	15.9	0.64
Medium Fawn	26.30	5.1	15.8	0.63
Medium Silver Grey	25.30	5.1	15.7	0.62
Multi or Fancy	29.20	5.4	16.2	0.66
True Black	26.30	5.2	15.9	0.64
White	26.60	5.2	15.9	0.63

Age Group: 61 - 72 Months**Huacaya**

Color	Avg AFD (μm)	SD AFD (μm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	29.50	5.2	15.5	0.42
Beige	27.20	5.1	15.4	0.40
Dark Brown	29.20	5.1	15.3	0.39
Dark Fawn	27.40	5.0	15.1	0.41
Dark Rose Grey	25.10	5.1	15.4	0.40
Dark Silver Grey	27.80	5.3	15.6	0.43
Light Brown	24.90	5.0	15.2	0.41
Light Fawn	25.80	5.1	15.3	0.42
Light Rose Grey	25.60	4.9	15.0	0.38
Light Silver Grey	24.00	5.0	15.2	0.40
Medium Brown	27.00	5.0	15.2	0.39
Medium Fawn	26.00	4.9	14.9	0.37
Medium Rose Grey	26.60	4.9	15.0	0.38
Medium Silver Grey	27.30	5.0	15.1	0.39
Multi or Fancy	25.80	4.9	15.0	0.36
True Black	28.10	5.2	15.5	0.44
White	24.60	5.0	15.2	0.41

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Color	Avg AFD (μm)	SD AFD (μm)	Avg Length (cm)	Avg ADGR (mm/day)
Beige	25.40	5.6	16.4	0.53
Dark Brown	24.90	5.6	16.3	0.52
Dark Fawn	26.40	5.5	16.2	0.54
Light Fawn	24.50	5.6	16.3	0.55
Light Brown	26.50	5.4	16.0	0.51
Medium Brown	23.90	5.6	16.3	0.54
Medium Fawn	25.70	5.5	16.2	0.53
True Black	25.50	5.6	16.3	0.54
White	25.60	5.6	16.3	0.53

Age Group: 73 - 84 Months**Huacaya**

Color	Avg AFD (µm)	SD AFD (µm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	31.80	5.6	16.0	0.32
Beige	29.50	5.5	15.9	0.30
Dark Brown	31.50	5.5	15.8	0.29
Dark Fawn	29.70	5.4	15.6	0.31
Dark Rose Grey	27.40	5.5	15.9	0.30
Dark Silver Grey	30.10	5.7	16.1	0.33
Light Brown	27.20	5.4	15.7	0.31
Light Fawn	28.10	5.5	15.8	0.32
Light Rose Grey	27.90	5.3	15.5	0.28
Light Silver Grey	26.30	5.4	15.7	0.30
Medium Brown	29.30	5.4	15.7	0.29
Medium Fawn	28.30	5.3	15.4	0.27
Medium Rose Grey	28.90	5.3	15.5	0.28
Medium Silver Grey	29.60	5.4	15.6	0.29
Multi or Fancy	28.10	5.3	15.5	0.26
True Black	30.40	5.6	16.0	0.34
White	26.90	5.4	15.7	0.31

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Color	Avg AFD (µm)	SD AFD (µm)	Avg Length (cm)	Avg ADGR (mm/day)
Beige	27.70	6.0	16.8	0.43
Dark Brown	27.20	6.0	16.7	0.42
Dark Fawn	28.70	5.9	16.6	0.44
Light Fawn	26.80	6.0	16.7	0.45
Light Brown	28.80	5.8	16.4	0.41
Medium Brown	26.20	6.0	16.7	0.44
Medium Fawn	28.00	5.9	16.6	0.43
True Black	27.80	6.0	16.7	0.44
White	27.90	6.0	16.7	0.43

Age Group: Over 85 Months

Huacaya

Color	Avg AFD (µm)	SD AFD (µm)	Avg Length (cm)	Avg ADGR (mm/day)
Bay Black	33.20	6.0	16.4	0.22
Beige	30.80	5.9	16.3	0.20
Dark Brown	32.80	5.9	16.2	0.19
Dark Fawn	31.00	5.8	16.0	0.21
Dark Rose Grey	28.70	5.9	16.3	0.20
Dark Silver Grey	31.40	6.1	16.5	0.23
Light Brown	28.50	5.8	16.1	0.21
Light Fawn	29.40	5.9	16.2	0.22
Light Rose Grey	29.20	5.7	15.9	0.18
Light Silver Grey	27.60	5.8	16.1	0.20

Color	Avg AFD (µm)	SD AFD (µm)	Avg Length (cm)	Avg ADGR (mm/day)
Medium Brown	30.60	5.8	16.1	0.19
Medium Fawn	29.60	5.7	15.8	0.17
Medium Rose Grey	30.20	5.7	15.9	0.18
Medium Silver Grey	30.90	5.8	16.0	0.19
Multi or Fancy	29.40	5.7	15.9	0.16
True Black	31.70	6.0	16.4	0.24
White	28.20	5.8	16.1	0.21

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Color	Avg AFD (µm)	SD AFD (µm)	Avg Length (cm)	Avg ADGR (mm/day)
Beige	29.00	6.4	17.1	0.33
Dark Brown	28.50	6.4	17.0	0.32
Dark Fawn	30.00	6.3	16.9	0.34
Light Fawn	28.10	6.4	17.0	0.35
Light Brown	30.10	6.2	16.7	0.31
Medium Brown	27.50	6.4	17.0	0.34
Medium Fawn	29.30	6.3	16.9	0.33
True Black	29.10	6.4	17.0	0.34
White	29.20	6.4	17.0	0.33